



Chart 1: Claim Limitation Comparison

09/100,117	09/100,118	09/100,119	09/100,120	09/100,121	09/100,123	09/100,129	09/100,130	09/100,131
Claim 1 A client/server system enabling a server to process URL requests from a browser for non-markup language objects, the URL containing action commands, the system comprising: a server;	1,6,11,12	1,3,5,4,6,8,9,10,11,13,14,15,16	1,3,4,9,11,12,17,20	1,6,11,16	1,6,11,16	1,6,8,17	1,3,4,5,6,8,9,10,11,13,14,15,16	1,3,9,11,17,18,19
at least one database associated with the server;	1,6,11,12	1,3,4,6,8,9,11,13,14,16	1,3,9,11,17,20	1,6,11,16	1,6,11,16	1,14	1,3,4,6,8,9,11,13,14,16	1,3,9,10,17,18,20
one or more non-markup language objects stored on the at least one database;	1,6,11,12	1,3,4,6,8,9,11,13,14,16	1,3,9,11,17,20	1,6,11,16	1,6,11,16	1,8,14	1,3,4,6,8,9,11,13,14,16	1,3,4,9,10,17,18,20
at least one client comprising a browser, the browser being operable to communicate a URL request for the one or more non-markup language objects to the server, wherein the URL contains an object locator and at least one non-markup language action command;	1,6,11,12	1,2,4,6,7,9,11,12,14,16	1,2,9,10,17,18,20,22	1,6,11,16	1,6,11,16	1,2,7,8,19,22	1,2,4,6,7,9,11,12,14,16	1,2,9,10,17,18,20
wherein the server, upon receipt of the request, retrieves the non-markup language object and performs the at least one action command on the object.	1,6,11,12	1,4,6,9,11,14,16	1,9,17,20	1,2,3,9,10,11,17,18,20,22	1,6,11,16	1,2,3,8,9,10,14,15,16,17,19,21,22	1,3,4,6,8,9,11,13,14,16	1,2,9,10,17,18,20
Claim 2 The system of claim 1 wherein said web server is operable to convert the non-markup language object to a markup language object.		1,3,4,6,8,9,11,13,14	1,3,9,11,17,19,20,21	2,3,10,11,18,22	2,6,7,11,12,16,17	1,2,5,8,9,12,15,16,19,20,21,22,25	1,3,4,6,8,9,11,13,14,16	1,2,9,10,17,18,20
Claim 3 The system of claim 1 wherein the URL further comprises arguments identifying parameters associated with the commands.					2,7,12,17			
Claim 4 A client/server system enabling a server to process URL requests from a browser for non-markup language objects, the URL containing action commands, the system comprising: presenting means for presenting markup language objects;	1,6,11,12	1,2,4,6,7,9,11,12,14,16	1,2,9,10,17,18,20,22	1,6,11,16	1,6,11,16	1,8	1,4,6,9,11,14,16	1,2,9,10,17,18,20
receiving means for receiving a URL-based request for non-markup language object from the presenting means, the URL-based request comprising action commands;	1,6,11,12	1,3,4,6,8,9,11,13,14,16	1,3,9,11,17,20	1,2,9,10,17,18,20,22	1,6,11,16	1,2,8,13,14,15,16,21	1,3,4,6,8,9,11,13,14,16	1,2,9,10,17,18,20
storing means for storing one or more non-markup language objects;	1,6,11,12	1,3,4,6,8,9,11,13,14,16	1,3,9,11,17,20	1,6,11,16	1,6,11,16	1,2,8	1,3,4,6,8,9,11,13,14,16	1,2,4,9,10,12,17,18,20
wherein the receiving means, upon receipt of the request, retrieves the non-markup language object, converts the non-markup language object to one or more markup language objects, processes the action commands and communicates the one or more markup language objects to the browser.	1,6,11,12	1,3,4,6,8,9,11,13,14,16	1,3,9,11,17,19,20,21	1,2,3,9,10,11,17,18,20,22	6,11,16	1,2,3,8,9,10,14,15,16,17,19,21,22	1-16	1,2,9,10,17,18,20
Claim 5 The system of claim 4 wherein the URL further comprises arguments identifying parameters associated with the commands.					2,7,12,17			
Claim 6 A method for enabling a server to process URL requests from a browser for non-markup language objects, the URL containing action commands, the method comprising the steps of: storing one or more non-markup language objects;	1,6,11,12	1,3,4,6,8,9,11,13,14,16	1,3,9,11,17,20	1,6,11,16	1,6,11,16	1,8	1,3,4,6,8,9,11,13,14,16	1,2,4,9,10,12,17,18,20
receiving a URL-based request for a non-markup language object from a browser, the URL-based request comprising action commands;	1,6,11,12	1,3,4,5,6,8,9,10,11,13,14,15,16	1,2,3,9,4,10,11,12,17,18,20,22	1,2,9,10,17,18,20,22	1,6,11,16	1,6,8,13,14,15,16,21	1,3,4,5,6,8,9,10,11,13,14,15,16	1,2,3,9,10,11,17,18,19,20
retrieving the one or more non-markup language objects;	1,6,11,12	1,4,6,9,11,14,16	1,9,17,20	2,3,10,11,18,22	1,6,11,16	1,7,8,9,19,22	1,4,6,9,11,14,16	1,2,9,10,17,18,20
converting the one or more non-markup language objects to one or more markup language objects;		1,3,4,6,8,9,11,13,14	1,3,9,11,17,19,20,21	3,11	6,11,16	1,2,5,8,9,12,15,16,19,20,21,22,25	1,3,4,6,8,9,11,13,14,16	1,2,9,10,17,18,20
communicating the one or more markup language objects to the browser.	1,6,11,12	1,2,4,6,7,9,11,12,14,16	1,9,17,20	1,6,11,16	1,6,11,16	1,3,8,9,10,15,16,17,21,22	1,2,4,6,7,9,11,12,14,16	1,2,9,10,17,18,20
Claim 7 The method of claim 6, further comprising the step of identifying parameters associated with the commands.					2,7,12,17			

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Claim 3	A computer useable medium having computer readable program code embodied therein for enabling a server to process action commands contained in a URL communicated by a browser, the computer readable program code in the computer useable medium comprising:								
	computer readable program code for causing a computer to store one or more non-markup language objects in at least one database;	1,6,11,12	1,3,4,6,8,9,11,13,14,16	1,3,9,11,17,20	1,6,11,16	1,6,11,16	1,2,8	1,3,4,6,8,9,11,13,14,16	1,2,4,9,10,12,17,18,20
	computer readable program code for causing a computer to request the one or more non-markup language objects and action commands associated with the one or more non-markup language documents in a URL using a browser;	1,6,11,12	1,4,6,9,11,14,16	1,2,9,10,17,18,20,22	1,6,11,16	1,6,11,16	1,2,7,8,9,13,14,19,22	1,4,6,9,11,14,16	1,2,9,10,17,18,20
	computer readable program code for causing a computer to translate the one or more non-markup language objects into markup language objects;		1,3,4,6,8,9,11,13,14,16	1,3,9,11,17,19,20,21	3,11	6,11,16	1,2,5,8,9,12,15,16,19,20,21,25	1,3,4,6,8,9,11,13,14,16	1,2,9,10,17,18,20
	computer readable program code for causing a computer to process the commands; and	1,6,11,12	1,4,6,9,11,14,16	1,9,17,20	1,2,9,10,17,18,20,22	1,6,11,16	1,2,5,8,9,12,15,16,19,20,21,25	1,4,6,9,11,14,16	1,2,9,10,17,18,20
	computer readable program code for causing a computer to communicate and present the one or more markup language objects in the browser according to the action commands.	1,6,11,12	1,2,4,6,7,9,11,12,14,16	1,9,17,20	1,6,11,16	1,6,11,16	1,3,8,9,10,15,16,17,21,22	1,2,4,6,7,9,11,12,14,16	1,2,9,10,17,18,20
Claim 9	The medium of claim 8, wherein the URL further comprises arguments identifying parameters associated with the commands.	1,6,11,12				2,6,7,11,12,16,17	8		
Claim 10	The medium of claim 8, wherein the server is operable to convert the non-markup language object to a markup language object.		1,3,4,6,8,9,11,13,14	1,3,9,11,17,19,20,21	3,11		1,2,5,8,9,12,15,16,19,20,21,22,25	1,3,4,6,8,9,11,13,14,16	1,2,9,10,17,18,20
Claim 11	The medium of claim 8, wherein the URL further comprises arguments identifying parameters associated with the commands.	1,6,11,12				2,6,7,11,12,16,17	8		
Claim 12	The system of claim 4, wherein the server is operable to convert the non-markup language object to a markup language object.		1,3,4,6,8,9,11,13,14	1,3,9,11,17,19,20,21	3,11		1,2,5,8,9,12,15,16,19,20,21,22,25	1,3,4,6,8,9,11,13,14,16	1,2,9,10,17,18,20